Bare Fiber Adapters

Circular Bare Fiber Adapter -----For use with 900um buffer----- Square Bare Fiber Adapter

Bare Fiber Adapter is an accessory appliance for temporarily and quickly connecting bare fibers.
Features as follows:
Simple and easy method to quickly interconnect
Reusable, easy clean-out
Applications:
Testing fiber on the reel
First-aid repair, temporary connection and testing on optical fiber project
SC,FC,ST and LC style adapters available

Fiber Polishing Equipment & Consumables

Fiber Optic Polish Machines

Fiber Connector Polish Machines HW-2000M

Key Features:
• Optical Fiber Polisher, HW-2000M is corner pressure polishing machine for fiber connectors
• Application for high volume production, and the polishing jig is fixed with 4 points, the polishing pressure is determines by coil spring and elastic cushion
• Designed for polishing manner with planet tray
• Using a new I.P.C jig technology (every ferrule is pressed singly) and making the finished yield rate much higher
• Dual APC & PC polishing and Accommodating most styles of connectors

• High efficiency to deal with all kinds of connectors. The maximum polishing quantity for MU and LC connectors is 24 pcs; And maximum polishing quantity for SC, FC and ST connectors is 20 pcs
• The polisher was made by high quality stainless steel with heat treatment and it is high accuracy and durability
• Quick to change jigs, Easy and flexible to operate
• APC return loss as low as -70 dB, UPC return loss as low as -60 dB, Insertion loss 0.2 dB typical
• Super centering accuracy
• Excellent connector endface polishing quality

2.5mm (SC/ST/FC) Ferrule Jig

SC/APC Polish Jig

LC/UPC Polish Jig

ST/UPC Polish Jig

Specifications:

Type	High Volume, Installation
Pressure Source	Coil Spring
Polishing Capacity (max)	20 connectors for FC, SC and ST / 24 connectors for MU/LC
Dimensions	230 x 255 x 230mm
Weight	23.5 kg
Input Voltage	100-120VAC, 50/60Hz or 220-240VAC, 50/60Hz
Application	Ø2.5mm PC, APC / Ø12.5mm PC, APC / MT, mini-MT

Fiber Connector Polish Machines HW-900CPM

HW-900CPM Digital Control Polisher is developed with micro computer technoloty. It is integrate motor timing, timer and counter. It works with high stability. This model is operated with touch buttons, which is provide with waterproof function and excellent appearance

Key Features:
• Optical Fiber Polisher, HW-900CPM is center pressure polishing machine for fiber connectors
• Fixed torque of adjustable motor doesn't change with varied speed, it also reduces the polish variance
• Unique design: Electrical, air and water are kept separated inside of cabinet, ensuring safe operation
• Movable arm weight assures correct polishing force for various polishing steps and configurations
• Memory Function: Speed Setting, Time Setting, Counts all use EEPROM memory, all settings data will not get lost after power failure.
• Adjusting speed with touch button, Speed range: 35 rpm ~ 190 rpm.
• The polisher was made by high quality stainless steel with heat treatment and it is high accuracy and durability
• Quick to change jigs, Easy and flexible to operate
• Used for all types of optical fiber connectors :fc / upc, sc / upc, st / upc, lc / upc,mu / upc, fc / apc, sc / apc, mt-rj, e2000, etc.
• Purified water and polish fluid can be used to save on consumable costs

FC/SC/ST/PC Ferrule Style Polishing Jig

LC/PC CONNECTOR STYLE POLISH JIG

FC/PC CONNECTOR STYLE POLISH JIG

SC/PC CONNECTOR STYLE POLISH JIG

MU/PC CONNECTOR STYLE POLISH JIG

Fiber Optic Bench Scopes

IWISS 400X Fiber Optic Bench Scope **HW-400T**

• The HW-400T Bench-Top Fiber Termination Inspection Workstations utilize coaxial illumination to provide the user with a critical view of fine scratches, making them the ideal choice for factory POST-POLISH component assembly, and QC inspection of fiber connectors.
• 200X fiber optic bench scope is availble
• Standard Package:
1. 400x bench top scope, 2.10" B/W monitor,
3. 2.5mm universal adapter, 4. 1.25mm adapter,
5. Video cable, 6. Power cord.

2.5mm Universal Adapter

LC/MU Adapter

Optical IL/RL Test Station

Optical IL/RL Test Station **HW-3307A**

• HW3307A Insertion Loss/Return Loss Test Station is a high performance loss test station that is designed specially for Optical Passive Components production Test and Lab Test. It combines three different working modes as a return loss meter, optical power and loss meter and a stable laser source in one test station. It features:

a), Outstanding measurement accuracy and repeatability
b), Automatic wavelength setting with synchronization
c), Easy Operation-- Operation of "Zero setting" and "Ref setting" be stored in test station automatically, even if the power supply is cut off suddenly and to power on again, normally needn't recalibration
d), Human Engineering Design
e), Dustproof and active Optical Interfaces, easy removal for clean and replacement-- Active interface be used in both laser source and power meter, easy to remove to clean Optical interface adaptors and photo detector or replace other types adaptors, such as FC/SC/ST/2.5mm universal/1.25mm universal/MT-RJ etc. so that to be used in various types patch cords.

• Standard Packages:

HW-3307A Main Body, Power Supply Cable, FC Adapter, SC Adapter, ST Adapter, 2.5mm Universal Adapter, 1.25mm Universal Adapter, FC/APC-FC-APC Patch Cord, FC/APC-FC/PC Patch Cord, Cleaning Cotton Swab, Fuse, USB Cable, PC Software, User Manual, Foot Pedal.

Epoxy Curing Equipments

Fiber Optic Epoxy Curing Oven HW-1024

• 24 Port Epoxy Curing Oven provides cure for several types of epoxy and the oven block accomodates a variety of Optical Fiber connector types including ST, FC, SC, D4 and SMA. Block provides even heat distribution, minimizing connector heat loss. Temperature range is ambient to 320° F/160° C. Optional holding block accomodates MU and LC connectors. Oven requires only a standard plug outlet.

• Temperature Control and "Power On" Indicator
• Includes 24 Port Block for FC, ST, SC, SMA, D4 Connectors
•Specifications include: 110 V, 120 V ac, 1.1 A, 132 W, 50/60 Hz and 1.5 fuse A
• Available in AC 110V or AC 220V
• Easy to Use - A Favorite of Many Installers

64 Port Fiber Optic Epoxy Curing Oven HW-1064

Features:
• Specially designed for curing the epoxy of fiber connectors.
• 64 connectors can be cured simultaneously.
• Suitable for different connectors via interchangeable heating blocks for increased flexibility and lower cost.
• Alarm reminds operator when curing cycle completes.
• Overheat protection at 199 Degrees Centigrade
• Heat resistant acrylic shelf separates heating block from controls.
• Machine Size Width 310mm (12.2in) Length 220mm (8.66in) Height 160mm (6.3in)

96 Port Connector Heat Oven HW-1050

- HW-1050 fiber connnector heat oven are dedicated to heating Ceramic Ferrule 96 port and heating connector 48 port
- Applicaqtions: Multimode and Single mode
- Temperature control(0℃-300℃) and "Power On" indicator
- Temperature Stability: +/- 3℃
- Time to read 300℃: ~8 minutes
- Available in AC110V or AC220V
- Easy to Use - A Favorite of Many Installers

Fiber Connector Polishing Consumables

Diamond Polishing Films 5" Discs

•IWISS Polishing Films are available with surface textures and particle density to suit the end user's performance requirements. Films are lot tested for quality, consistency and longevity. A range of films are available for epoxy removal, grinding, fine polish and cleaning of industry standard fiber optic connectors and ferrules.

Final Polishing Film ADS

Diamond Polishing Film

NANOLAP Polishing Films 5" Discs

Part #	Meterial	Grit	Color
ADS	Final Polish	.3um	Clear
PFD1	Diamond	1um	Flaxen
PFD3	Diamond	3um	Pink
PFD6	Diamond	6um	Brown
PFD9	Diamond	9um	Blue
PFA15	Alum.Oxide	15um	Gery
PFA30	Alum.Oxide	30um	Dark Grey

IWISSPrecision Polishing Pads

Diameter:	4.3"(110mm); 5"(127mm)
Thickness:	5.0mm; 4.0mm; 2.5mm
Thic.Tolerance:	±0.1mm
Durometer:	50, 60, 70, 80 or 90

- Special designed for polishing spherical surface of fiber connectors.
- 100% tested for hardness and parallelism
- Precision molded , Consistent polishing results

Hand Polishing Discs

Part #	Description
HPD-250	ST/ SC/ FC Univesal 2.5mm Polish Disc
HPD-125	MU/LC Univesal 1.25mm Polish Disc
HPD-FC	FC/PC Hand Polish Disc
HPD-FCAPC	FC/APC Hand Polish Disc
HPD-SC	SC/PC Hand Polish Disc
HPD-SCAPC	SC/APC Hand Polish Disc
HPD-LCAPC	LC/APC Hand Polish Disc
HPD-MTRJ	MTRJ Hand Polish Disc

IWISS Lapping Polishing Films Sheets | Polish Plates & Mats

Lot-to-lot consistency in our films means repeatable connector finishes on ceramic, stainless steel, plastic and composite ferrules

Single sheet will yield 10 to 20 connectors when using the recommended 3-step procedure

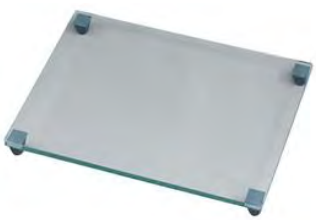
Quantity: 20 films/sleeve

Large Black Work Mat (22"×14")

STANDARD SHEETS 4.5" × 5.5" | 3"×6"

Part #	Meterial	Grit	Color
PFS-45/ 36-03	Alum.Oxide	.3um	White
PFS-45/ 36-1	Alum.Oxide	1um	Lt. Blue
PFS-45/ 36-3	Alum.Oxide	3um	Pink
PFS-45/ 36-5	Silicon Carbide	5um	Lt. Grey
PFS-45/ 36-9	Alum.Oxide	9um	Blue
PFS-45/ 36-12	Alum.Oxide	12um	Yellow
PFS-45-15	Alum.Oxide	15um	Dark Grey

IWISS Polish Glass Plate (6"×6")



- Part No.: LBM-01
- •The pad features rubber material to provide a flexible, shatterproof, non-slip surface - sized perfectly for terminating Thread-Lock or Spectro-Link Fiber Optic Connectors.
- •Allows user to easily see fiber scraps instead of trying to find them on a lighter colored work surface .

DIAMOND POLISHING FILM SHEETS

Part #	DESCRIPTION	Grit	Color
DPS-45/ 36-1	4.5" × 5.5"/ 3"×6"	1um	Lt. Grey
DPS-45/ 36-3	4.5" × 5.5"/ 3"×6"	3um	Pink
DPS-45/ 36-5	4.5" × 5.5"/ 3"×6"	5um	Yellow
DPS-45/ 36-9	4.5" × 5.5"/ 3"×6"	9um	Blue

6" Square Polishing Pad,1/5" thick

GWP-01

Universal Polishing Pad (3"×6")

Epoxy & Consumables

Anaerobic Adhesive **HW-680L**

•This anaerobic adhesive kit from Corning Cable Systems are designed to work with anaerobic connectors. Please refer to the connectors department for Anaerobic Connectors info.
•Kit includes:
1. 10ml Loctite 680 anaerobic adhesive,
2. 1.75 oz. Loctite 7649 primer,
3. 10 pcs of 3cc syringes and needles

Epoxy 353ND 4g

RPD-01

4.4 gram/package

EPO-TEK **353ND** Epoxy(454g/Kit)

RPD-02

•The two-part EPO-TEK Epoxy is a favorite of many fiber optic users. many fiber optic users. This fiber optic epoxy remains liquid until heat is applied. The application of heat provides a quick cure, turning the epoxy to a reddish-brown color.

Optical Matching Gel HW-04MG

•To reduce optical loss within fiber optic mechanical splices and connectors.
•The use of optical couplant, also known as index matching gel, helps to reduce the difference in the index of refraction that exists at the interface of two mated optical fibers.
•Net: 0.40oz

Epoxy Application Syringe

•This syringe comes in a complete package with syringe body and a 0.9mm needle dispenser(5 sets/pack).

•This syringe and needle are designed to inject epoxy into the connectors

Safety Glasses HW-06SG

•Wear safety glasses to protect your eyes from accidental injury when handing chemicals and cutting fiber. Pieces of glass fiber are very sharp and can damage the eye easily.

Piano Wire

•Piano Wire provides you with an easy way to save a fiber optic connector when an optical fiber breaks inside the ferrule during connectorization. Fiber Optic Piano Wire also enables you to remove broken optical fiber from bare fiber adapters.